Philips
LCD monitor

23"w E-line

Full HD

230E1HSB

HDMI display for Full-HD entertainment

Entertain yourself like never before with Full HD 1080p performance! Combined with HDMI and Digital inputs, front firing stereo audio and sleek Glossy design, the 230E1 is ready to rock your world.

Great picture quality

- Full HD LCD display, 1920x1080p resolution
- 5ms fast response time
- SmartContrast12000:1 for incredible rich black details
- DVI signal input for full HD performance with HDCP

Design that complements any interior

- Glossy finish to enhance your decor

Experience true multimedia

- HDMI-ready for top quality, multimedia experience
- Built in stereo audio for multimedia experience

Great convenience

- Auto picture format control switching in wide and 4:3 format

PHILIPS

sense and simplicity

Highlights

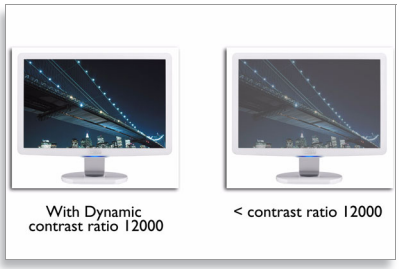
Full HD 1920x1080p LCD display

This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flicker-free pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

5ms on/off response time

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

SmartContrast ratio 12000:1

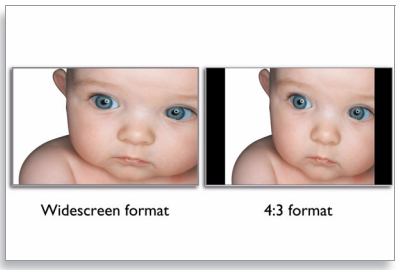


You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

HDMI Ready

A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

Auto picture format control



Philips auto picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

Built-in stereo audio

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

Full HD 1080p · HDMI · 5ms · 12,000:1 Dynamic contrast ratio · Built-in Audio · ENERGY STAR · CERTIFIED FOR Windows Vista

LCD monitor
23"w E-line Full HD

230E1HSB/97

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Aspect ratio: 16:9
- Panel Size: 23"
- Pixel pitch: 0.265 x 0.265 mm
- SmartContrast ratio (dynamic): 12000:1
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum Resolution: 1920 x 1080 @ 60Hz
- Display colors: 16.7 M
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D, HDMI
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- HDMI features: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p (support HDCP)

Convenience
- Built-in Audio: 2W x 2
- User convenience: On-screen Display
- Monitor Controls: Auto (Back), Auto picture (Up), Input (Down), Menu (OK), Power On/Off, SmartImage, Volume control
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, UL/cUL
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Other convenience: Kensington lock compatible

Stand
- Tilt: -5 to 20 degree

Power
- Consumption (On mode): < 50 W (typical)
- Power LED indicator: Operation - Blue, Stand by/ sleep -blue(blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (Off Mode): < 0.5 W

Dimensions
- Set dimensions with stand (W x H x D): 547 x 433 x 201 mm
- Set dimensions with stand in inch (W x H x D): 21.53 x 17.04 x 7.9 inch
- Set dimensions (W x H x D): 547 x 351 x 68 mm
- Set dimensions in inch (W x H x D): 21.53 x 13.8 x 2.67 inch
- Box dimensions (W x H x D): 596 x 495 x 134 mm
- Box dimensions in inch (W x H x D): 23.5 x 19.5 x 5.27 inch
- Product weight (+stand): 5.6 kg
- Product weight (+stand) (lb): 12.36 lb
- Weight incl. Packaging: 7.3 kg
- Weight incl. Packaging (lb): 16.1 lb

Operating conditions
- Temperature Range (Operation): 0 - 40 °C
- Temperature Range (storage): -20 - 60 °C
- Relative Humidity: 20 - 80 %
- MTBF: 50,000 hour(s)

Sustainability
- Environmental and energy: Energy Star, EPEAT Silver, RoHS

Cabinet
- Color: Glossy black
- Finish: Glossy bezel

Issue date 2009-04-22
Version: 2.0.4
12 NC: 8670 000 51468
EAN: 87 12581 47658 8

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